=> FILE HCAPLUS
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FILE COVERS 1907 - 15 Jan 2010 VOL 152 ISS 4
FILE LAST UPDATED: 14 Jan 2010 (20100114/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2009

HCAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2009.

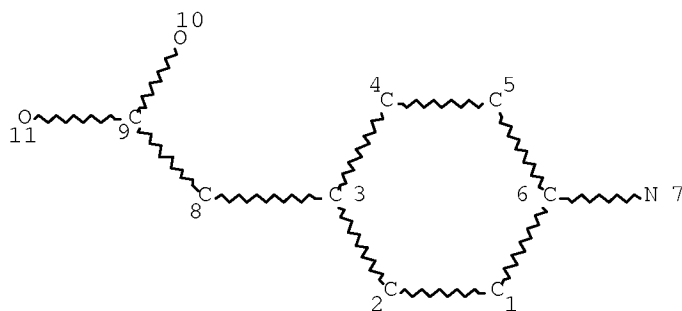CAS Information Use Policies apply and are available at:

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This file contains CAS Registry Numbers for easy and accurate
substance identification.
'OBI' IS DEFAULT SEARCH FIELD FOR 'HCAPLUS' FILE

=> D STAT QUE L20
L6   STR

NODE ATTRIBUTES:
NSPEC   IS R   AT   1
NSPEC   IS R   AT   2
NSPEC   IS R   AT   3
NSPEC   IS R   AT   4
NSPEC   IS R   AT   5
NSPEC   IS R   AT   6
NSPEC   IS C   AT   7

```
NSPEC    IS C        AT    8
NSPEC    IS C        AT    9
NSPEC    IS C        AT   10
NSPEC    IS C        AT   11
DEFAULT MLEVEL IS ATOM
MLEVEL   IS CLASS AT    7  8  9 10 11
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  11

STEREO ATTRIBUTES: NONE
L7  (       17336)SEA FILE=REGISTRY SSS FUL L6
L8                STR
```



```
NODE ATTRIBUTES:
HCOUNT  IS M2       AT    7
HCOUNT  IS M2       AT    8
HCOUNT  IS M1       AT   11
NSPEC   IS R        AT    1
NSPEC   IS R        AT    2
NSPEC   IS R        AT    3
NSPEC   IS R        AT    4
NSPEC   IS R        AT    5
NSPEC   IS R        AT    6
NSPEC   IS C        AT    7
NSPEC   IS C        AT    8
NSPEC   IS C        AT    9
NSPEC   IS C        AT   10
NSPEC   IS C        AT   11
DEFAULT MLEVEL IS ATOM
MLEVEL   IS CLASS AT    7  8  9 10 11
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  11

STEREO ATTRIBUTES: NONE
L9              78 SEA FILE=REGISTRY SUB=L7 SSS FUL L8
L12               STR
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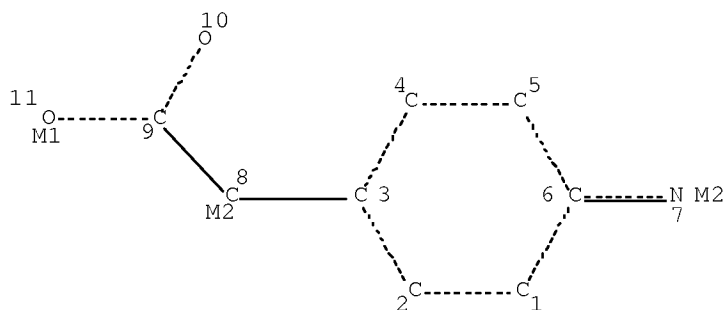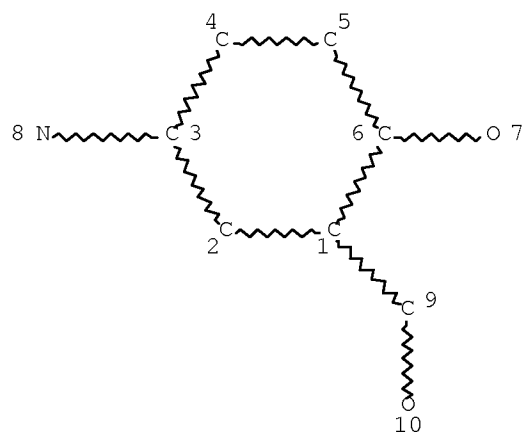
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NODE ATTRIBUTES:
NSPEC    IS R      AT    1
NSPEC    IS R      AT    2
NSPEC    IS R      AT    3
NSPEC    IS R      AT    4
NSPEC    IS R      AT    5
NSPEC    IS R      AT    6
NSPEC    IS C      AT    7
NSPEC    IS C      AT    8
NSPEC    IS C      AT    9
NSPEC    IS C      AT   10
DEFAULT MLEVEL IS ATOM
MLEVEL   IS CLASS AT    7  8  9 10
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  10

STEREO ATTRIBUTES: NONE
L13 (      45182)SEA FILE=REGISTRY SSS FUL L12
L14               STR
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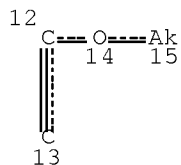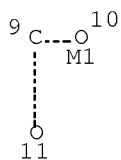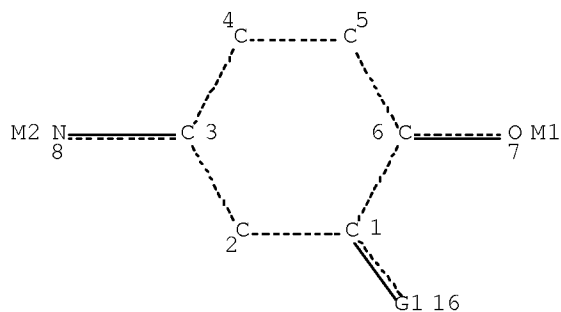
```
          4         5
           C ─────── C
          /           \
         /             \
M2 N════════ C 3        6 C ═══════ O M1
   8         \          /          7
              \        /
               C ════ C 1
              2          \
                          \
                        G1 16


       9              12
        C ─── O 10      C ══ O ─── Ak
            M1          ‖    14   15
          │             ‖
          │             ‖
          O             C
         11             13
```

VAR G1=9/12
NODE ATTRIBUTES:
HCOUNT IS M1   AT   7
HCOUNT IS M2   AT   8
HCOUNT IS M1   AT   10
NSPEC   IS R   AT   1
NSPEC   IS R   AT   2
NSPEC   IS R   AT   3
NSPEC   IS R   AT   4
NSPEC   IS R   AT   5
NSPEC   IS R   AT   6
NSPEC   IS C   AT   7
NSPEC   IS C   AT   8
NSPEC   IS C   AT   9
NSPEC   IS C   AT   10
NSPEC   IS C   AT   11
NSPEC   IS C   AT   12
NSPEC   IS C   AT   13
NSPEC   IS C   AT   14
NSPEC   IS C   AT   15
NSPEC   IS C   AT   16
DEFAULT MLEVEL IS ATOM
MLEVEL IS CLASS AT   7 8 9 10 11 12 13 14 15
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
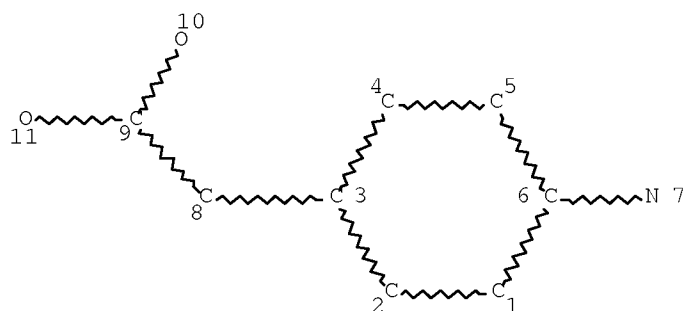RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE
L15   156 SEA FILE=REGISTRY SUB=L13 SSS FUL L14
L16   233 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L9 OR L15
L20   3565 SEA FILE=HCAPLUS SPE=ON   ABB=ON   PLU=ON   L16

=> D STAT QUE L21
```

L4                STR



NODE ATTRIBUTES:
NSPEC    IS R       AT    1
NSPEC    IS R       AT    2
NSPEC    IS R       AT    3
NSPEC    IS R       AT    4
NSPEC    IS R       AT    5
NSPEC    IS R       AT    6
NSPEC    IS C       AT    7
NSPEC    IS C       AT    8
NSPEC    IS C       AT    9
NSPEC    IS C       AT   10
NSPEC    IS C       AT   11
DEFAULT MLEVEL IS ATOM
MLEVEL   IS CLASS   AT    7  8  9 10 11
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  11

STEREO ATTRIBUTES: NONE
L5          17336 SEA FILE=REGISTRY SSS FUL L4
L17              STR

Page 1-A

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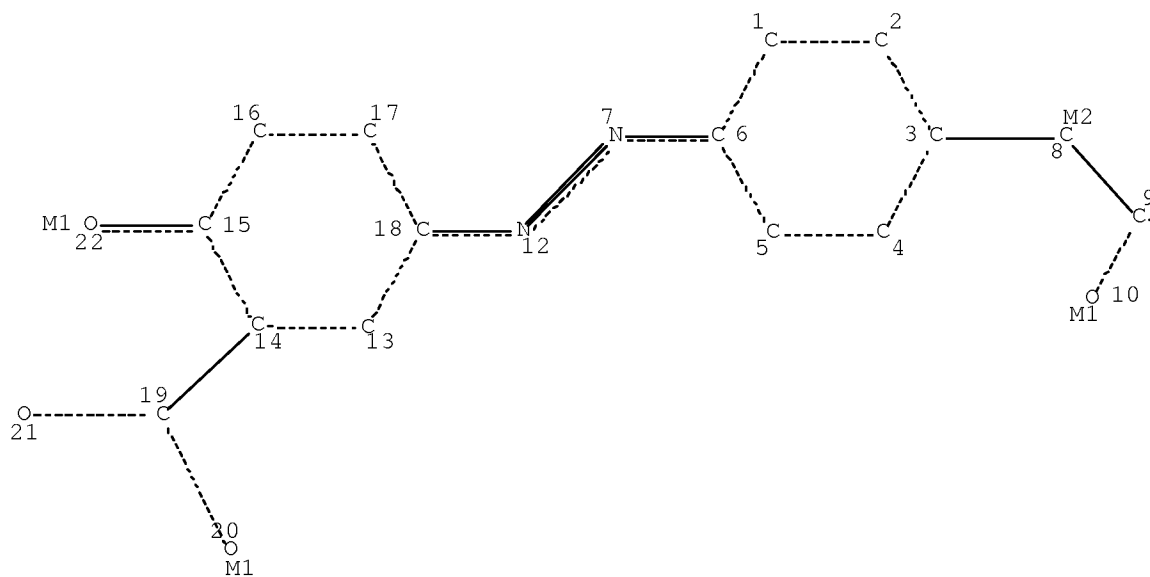  9
  --------O
         11
```

Page 1-B
NODE ATTRIBUTES:
HCOUNT IS M2   AT   8
HCOUNT IS M1   AT 10
HCOUNT IS M1   AT 20
HCOUNT IS M1   AT 22
NSPEC   IS R   AT   1
NSPEC   IS R   AT   2
NSPEC   IS R   AT   3
NSPEC   IS R   AT   4
NSPEC   IS R   AT   5
NSPEC   IS R   AT   6
NSPEC   IS C   AT   7
NSPEC   IS C   AT   8
NSPEC   IS C   AT   9
NSPEC   IS C   AT 10
NSPEC   IS C   AT 11
NSPEC   IS C   AT 12
NSPEC   IS R   AT 13
NSPEC   IS R   AT 14
NSPEC   IS R   AT 15
NSPEC   IS R   AT 16
NSPEC   IS R   AT 17
NSPEC   IS R   AT 18
NSPEC   IS C   AT 19
NSPEC   IS C   AT 20
NSPEC   IS C   AT 21
NSPEC   IS C   AT 22
DEFAULT MLEVEL IS ATOM
MLEVEL IS CLASS AT   7 8 9 10 11 12 19 20 21 22
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE
L19   1 SEA FILE=REGISTRY SUB=L5 SSS FUL L17
L21   4 SEA FILE=HCAPLUS SPE=ON ABB=ON PLU=ON L19

=> D STAT QUE L45
L4   STR
```
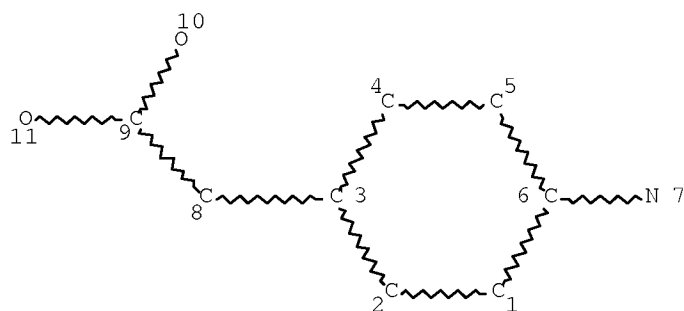
NODE ATTRIBUTES:
NSPEC   IS R      AT   1
NSPEC   IS R      AT   2
NSPEC   IS R      AT   3
NSPEC   IS R      AT   4
NSPEC   IS R      AT   5
NSPEC   IS R      AT   6
NSPEC   IS C      AT   7
NSPEC   IS C      AT   8
NSPEC   IS C      AT   9
NSPEC   IS C      AT  10
NSPEC   IS C      AT  11
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS  AT   7  8  9 10 11
DEFAULT ECLEVEL IS LIMITED

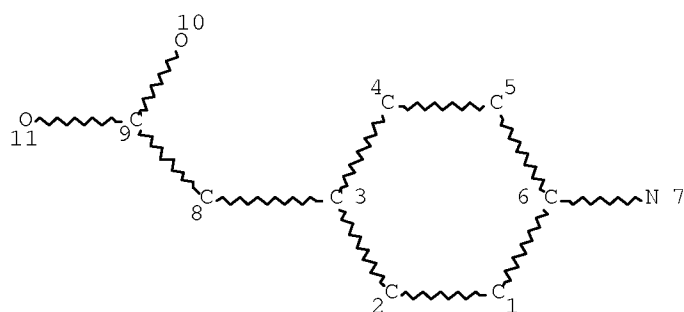GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  11

STEREO ATTRIBUTES: NONE
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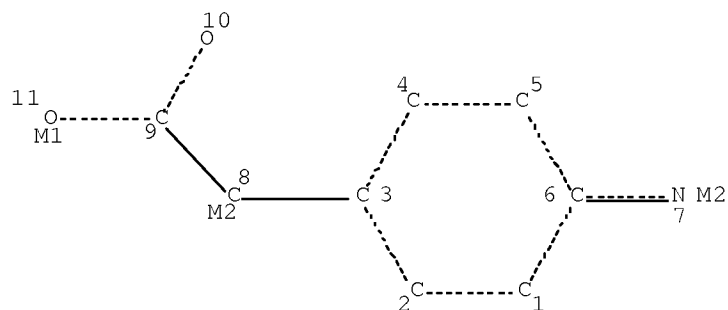L6               STR



NODE ATTRIBUTES:
NSPEC   IS R      AT   1
NSPEC   IS R      AT   2
NSPEC   IS R      AT   3
NSPEC   IS R      AT   4
NSPEC   IS R      AT   5
NSPEC   IS R      AT   6
NSPEC   IS C      AT   7

```
NSPEC   IS C      AT    8
NSPEC   IS C      AT    9
NSPEC   IS C      AT   10
NSPEC   IS C      AT   11
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS AT    7  8  9 10 11
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  11

STEREO ATTRIBUTES: NONE
L7  (      17336)SEA FILE=REGISTRY SSS FUL L6
L8               STR
```



```
NODE ATTRIBUTES:
HCOUNT  IS M2     AT    7
HCOUNT  IS M2     AT    8
HCOUNT  IS M1     AT   11
NSPEC   IS R      AT    1
NSPEC   IS R      AT    2
NSPEC   IS R      AT    3
NSPEC   IS R      AT    4
NSPEC   IS R      AT    5
NSPEC   IS R      AT    6
NSPEC   IS C      AT    7
NSPEC   IS C      AT    8
NSPEC   IS C      AT    9
NSPEC   IS C      AT   10
NSPEC   IS C      AT   11
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS AT    7  8  9 10 11
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  11

STEREO ATTRIBUTES: NONE
L9            78 SEA FILE=REGISTRY SUB=L7 SSS FUL L8
L12              STR
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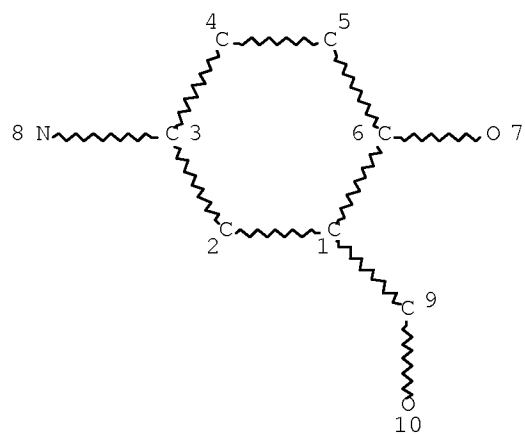
```
NODE ATTRIBUTES:
NSPEC   IS R      AT   1
NSPEC   IS R      AT   2
NSPEC   IS R      AT   3
NSPEC   IS R      AT   4
NSPEC   IS R      AT   5
NSPEC   IS R      AT   6
NSPEC   IS C      AT   7
NSPEC   IS C      AT   8
NSPEC   IS C      AT   9
NSPEC   IS C      AT  10
DEFAULT MLEVEL IS ATOM
MLEVEL   IS CLASS AT   7  8  9 10
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  10

STEREO ATTRIBUTES: NONE
L13 (     45182)SEA FILE=REGISTRY SSS FUL L12
L14              STR
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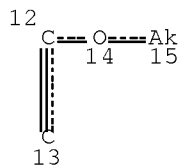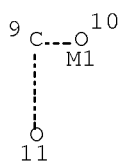
```
        4        5
        C————————C
       /          \
      /            \
M2 N——————C 3      6 C========O M1
   8      \        /       7
           \      /
        C————————C 1
        2          \
                    \
                  G1 16
```

```
   9          10
   C---O
      M1
   :
   :
   O
   11
```

```
   12
   C===O————Ak
        14   15
   ‖
   ‖
   C
   13
```

VAR G1=9/12
NODE ATTRIBUTES:
HCOUNT IS M1   AT   7
HCOUNT IS M2   AT   8
HCOUNT IS M1   AT   10
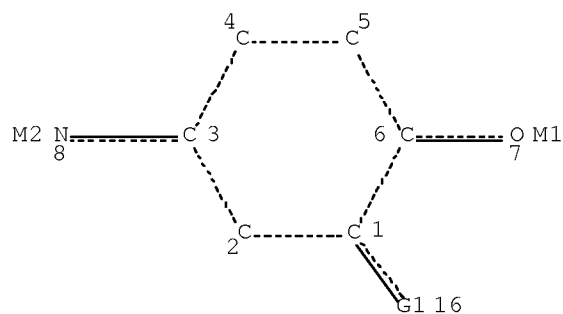NSPEC   IS R   AT   1
NSPEC   IS R   AT   2
NSPEC   IS R   AT   3
NSPEC   IS R   AT   4
NSPEC   IS R   AT   5
NSPEC   IS R   AT   6
NSPEC   IS C   AT   7
NSPEC   IS C   AT   8
NSPEC   IS C   AT   9
NSPEC   IS C   AT   10
NSPEC   IS C   AT   11
NSPEC   IS C   AT   12
NSPEC   IS C   AT   13
NSPEC   IS C   AT   14
NSPEC   IS C   AT   15
NSPEC   IS C   AT   16
DEFAULT MLEVEL IS ATOM
MLEVEL IS CLASS AT   7 8 9 10 11 12 13 14 15
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
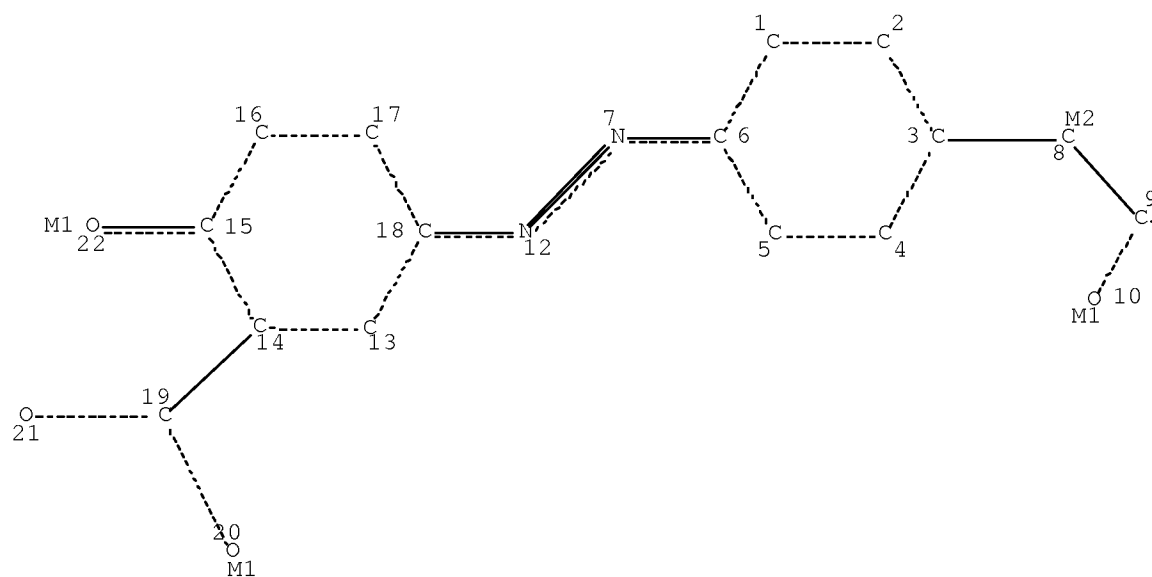RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE
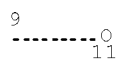L15   156 SEA FILE=REGISTRY SUB=L13 SSS FUL L14
L16   233 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L9 OR L15
L17   STR
```

Page 1-A



Page 1-B
NODE ATTRIBUTES:
HCOUNT   IS M2      AT    8
HCOUNT   IS M1      AT   10
HCOUNT   IS M1      AT   20
HCOUNT   IS M1      AT   22
NSPEC    IS R       AT    1
NSPEC    IS R       AT    2
NSPEC    IS R       AT    3
NSPEC    IS R       AT    4
NSPEC    IS R       AT    5
NSPEC    IS R       AT    6
NSPEC    IS C       AT    7
NSPEC    IS C       AT    8
NSPEC    IS C       AT    9
NSPEC    IS C       AT   10
NSPEC    IS C       AT   11
NSPEC    IS C       AT   12
NSPEC    IS R       AT   13
NSPEC    IS R       AT   14
NSPEC    IS R       AT   15
NSPEC    IS R       AT   16
NSPEC    IS R       AT   17
NSPEC    IS R       AT   18
NSPEC    IS C       AT   19
NSPEC    IS C       AT   20
NSPEC    IS C       AT   21
NSPEC    IS C       AT   22
DEFAULT MLEVEL IS ATOM
MLEVEL   IS CLASS AT      7   8   9 10 11 12 19 20 21 22

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  22


STEREO ATTRIBUTES: NONE
```
L19   1 SEA FILE=REGISTRY SUB=L5 SSS FUL L17
L20   3565 SEA FILE=HCAPLUS SPE=ON ABB=ON PLU=ON L16
L21   4 SEA FILE=HCAPLUS SPE=ON ABB=ON PLU=ON L19
```
**L45             3 SEA FILE=HCAPLUS SPE=ON   ABB=ON   PLU=ON   L20 AND L21**


**=> FILE WPIX**
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FILE LAST UPDATED: 12 JAN 2010   <20100112/UP>
MOST RECENT UPDATE: 201003   <201003/DW>
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>>> IPC, ECLA, US National Classifications and Japanese F-Terms
    and FI-Terms have been updated with reclassifications to
    end of September 2009.
    No update date (UP) has been created for the reclassified
    documents, but they can be identified by
    specific update codes (see HELP CLA for details) <<<

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>>> HELP for European Patent Classifications see HELP ECLA, HELP ICO <<<

>>> Japanese FI-TERM thesaurus in field /FCL added --> see NEWS <<<

**=> D STAT QUE L56**
L8                STR

NODE ATTRIBUTES:
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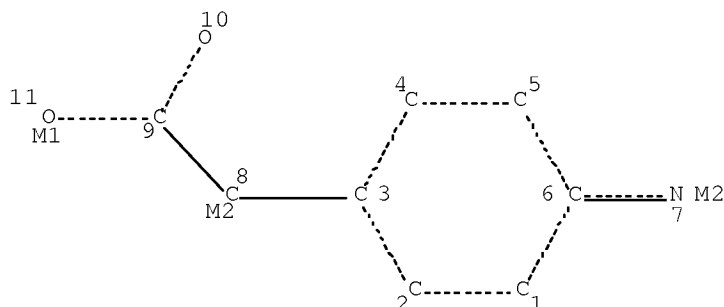HCOUNT   IS M2   AT   7
HCOUNT   IS M2   AT   8
HCOUNT   IS M1   AT   11
NSPEC   IS R   AT   1
NSPEC   IS R   AT   2
NSPEC   IS R   AT   3
NSPEC   IS R   AT   4
NSPEC   IS R   AT   5
NSPEC   IS R   AT   6
NSPEC   IS C   AT   7
NSPEC   IS C   AT   8
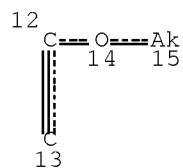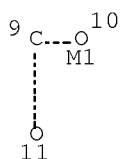NSPEC   IS C   AT   9
NSPEC   IS C   AT   10
NSPEC   IS C   AT   11
DEFAULT MLEVEL IS ATOM
MLEVEL   IS CLASS AT   7 8 9 10 11
DEFAULT ECLEVEL IS LIMITED
```

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  11

STEREO ATTRIBUTES: NONE
L14                STR



VAR G1=9/12
NODE ATTRIBUTES:
```
HCOUNT   IS M1   AT   7
HCOUNT   IS M2   AT   8
HCOUNT   IS M1   AT   10
NSPEC   IS R   AT   1
NSPEC   IS R   AT   2
NSPEC   IS R   AT   3
NSPEC   IS R   AT   4
NSPEC   IS R   AT   5
NSPEC   IS R   AT   6
```

```
NSPEC    IS C      AT    7
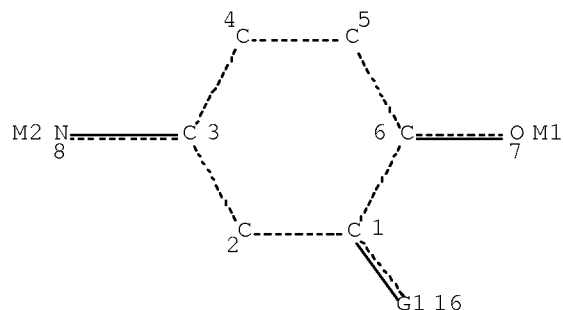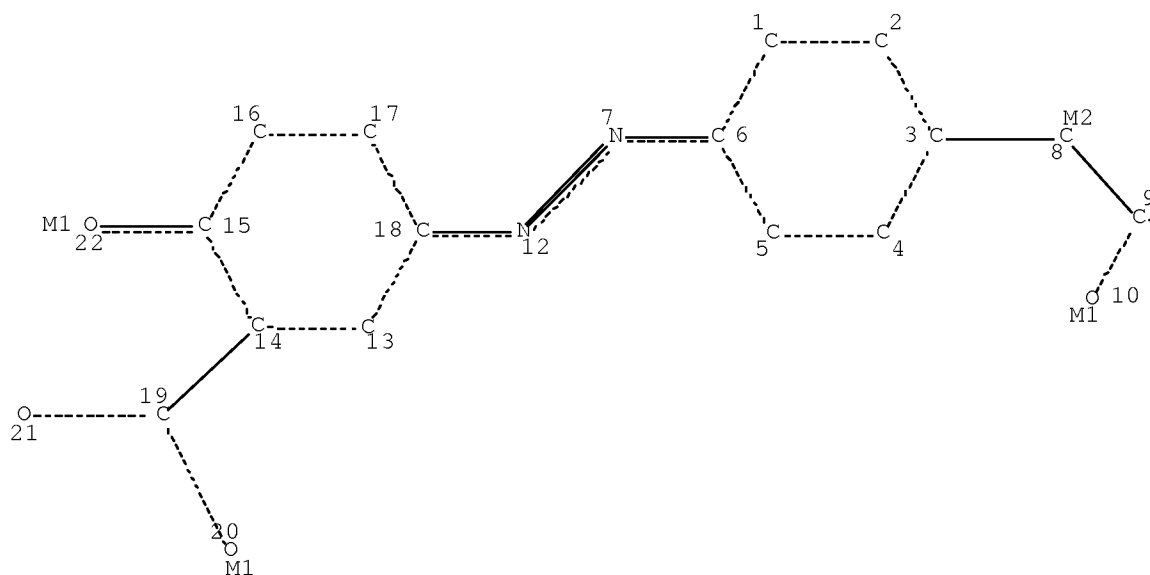NSPEC    IS C      AT    8
NSPEC    IS C      AT    9
NSPEC    IS C      AT   10
NSPEC    IS C      AT   11
NSPEC    IS C      AT   12
NSPEC    IS C      AT   13
NSPEC    IS C      AT   14
NSPEC    IS C      AT   15
NSPEC    IS C      AT   16
DEFAULT MLEVEL IS ATOM
MLEVEL   IS CLASS  AT    7  8   9 10 11 12 13 14 15
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  16

STEREO ATTRIBUTES: NONE
L17                STR
```

Page 1-A

Page 1-B

```
NODE ATTRIBUTES:
HCOUNT  IS M2     AT    8
HCOUNT  IS M1     AT   10
HCOUNT  IS M1     AT   20
HCOUNT  IS M1     AT   22
NSPEC   IS R      AT    1
NSPEC   IS R      AT    2
NSPEC   IS R      AT    3
NSPEC   IS R      AT    4
```

```
NSPEC   IS R     AT    5
NSPEC   IS R     AT    6
NSPEC   IS C     AT    7
NSPEC   IS C     AT    8
NSPEC   IS C     AT    9
NSPEC   IS C     AT   10
NSPEC   IS C     AT   11
NSPEC   IS C     AT   12
NSPEC   IS R     AT   13
NSPEC   IS R     AT   14
NSPEC   IS R     AT   15
NSPEC   IS R     AT   16
NSPEC   IS R     AT   17
NSPEC   IS R     AT   18
NSPEC   IS C     AT   19
NSPEC   IS C     AT   20
NSPEC   IS C     AT   21
NSPEC   IS C     AT   22
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS AT    7  8  9 10 11 12 19 20 21 22
DEFAULT ECLEVEL IS LIMITED


GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  22


STEREO ATTRIBUTES: NONE
L47             3 SEA FILE=WPIX SSS FUL L8
L49             6 SEA FILE=WPIX SSS FUL L14
L50             9 SEA FILE=WPIX SPE=ON  ABB=ON  PLU=ON  L47 OR L49
L52             1 SEA FILE=WPIX SSS FUL L17
L53           459 SEA FILE=WPIX SPE=ON  ABB=ON  PLU=ON  L50/DCR
L54             3 SEA FILE=WPIX SPE=ON  ABB=ON  PLU=ON  L52/DCR
```
L56   1 SEA FILE=WPIX SPE=ON   ABB=ON   PLU=ON   L53 AND L54

=> DUP REMOVE L45 L56
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FILE 'HCAPLUS' ENTERED AT 13:11:05 ON 15 JAN 2010
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PROCESSING COMPLETED FOR L45
PROCESSING COMPLETED FOR L56
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L68   3 DUP REMOVE L45 L56 (1 DUPLICATE REMOVED)
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                 ANSWERS '1-3' FROM FILE HCAPLUS
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=> S L68 NOT L67
L69   0 L68 NOT L67

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                E US2006-594046/APPS
L1           2 SEA SPE=ON  ABB=ON  PLU=ON  US2006-594046/AP
L2           1 SEA SPE=ON  ABB=ON  PLU=ON  L1 NOT ELECTRONIC/TI
               SEL RN


       FILE 'REGISTRY' ENTERED AT 11:03:22 ON 15 JAN 2010
L3          13 SEA SPE=ON  ABB=ON  PLU=ON  (1197-55-3/BI OR 89-57-6/BI OR
                101351-18-2/BI OR 103-82-2/BI OR 18699-02-0/BI OR 19910-33-9/BI
                OR 402934-68-3/BI OR 402934-69-4/BI OR 51-59-2/BI OR 54-21-7/B
                I OR 59430-62-5/BI OR 7632-00-0/BI OR 866320-50-5/BI)
               D SCAN
               ACT SPI046REGL6/A
               ---------
L4             STR
L5       17336 SEA SSS FUL L4
               ---------
               ACT SPI046REGL9/A
               ---------
L6             STR
L7   (   17336)SEA SSS FUL L6
L8             STR
L9          78 SEA SUB=L7 SSS FUL L8
               ---------
               ACT SPI046REGL12/A
               ---------
L10            STR
L11      45182 SEA SSS FUL L10
               ---------
               ACT SPI046REGL15/A
               ---------
L12            STR
L13  (   45182)SEA SSS FUL L12
L14            STR
L15        156 SEA SUB=L13 SSS FUL L14
               ---------
L16        233 SEA SPE=ON  ABB=ON  PLU=ON  L9 OR L15
               D L4
L17            STRUCTURE UPLOADED
               D
L18          0 SEA SUB=L5 SSS SAM L17
L19          1 SEA SUB=L5 SSS FUL L17


       FILE 'HCAPLUS' ENTERED AT 11:31:05 ON 15 JAN 2010
L20       3565 SEA SPE=ON  ABB=ON  PLU=ON  L16
L21          4 SEA SPE=ON  ABB=ON  PLU=ON  L19
L22      40998 SEA SPE=ON  ABB=ON  PLU=ON  COLON+OLD,PFT/CT
L23        275 SEA SPE=ON  ABB=ON  PLU=ON  L20 AND L22
L24        229 SEA SPE=ON  ABB=ON  PLU=ON  L23 AND (THU OR PAC OR PKT OR BAC
               OR DMA)/RL
L25         76 SEA SPE=ON  ABB=ON  PLU=ON  L24 AND (PRY<=2001 OR AY<=2001 OR
               PY<=2001 OR PD<=2001)
L26            ANALYZE PLU=ON  L25 1- RN :    1750 TERMS
               D


       FILE 'REGISTRY' ENTERED AT 11:43:08 ON 15 JAN 2010
L27          1 SEA SPE=ON  ABB=ON  PLU=ON  89-57-6/RN
```

```
        FILE 'HCAPLUS' ENTERED AT 11:43:24 ON 15 JAN 2010
L28         2675 SEA SPE=ON  ABB=ON  PLU=ON  L27
L29            1 SEA SPE=ON  ABB=ON  PLU=ON  L25 NOT L28
L30           75 SEA SPE=ON  ABB=ON  PLU=ON  L27 AND L25
L31            1 SEA SPE=ON  ABB=ON  PLU=ON  L25 NOT L30
L32            5 SEA SPE=ON  ABB=ON  PLU=ON  L30 AND 1-7/SC,SX
L33       231733 SEA SPE=ON  ABB=ON  PLU=ON  INFLAMED/OBI OR INFLAMMATION/OBI
                 OR INFLAMMATORY/OBI
L34         1077 SEA SPE=ON  ABB=ON  PLU=ON  L22(L)L33
L35           34 SEA SPE=ON  ABB=ON  PLU=ON  L20 AND L34
L36           13 SEA SPE=ON  ABB=ON  PLU=ON  L35 AND (PRY<=2001 OR AY<=2001 OR
                 PY<=2001 OR PD<=2001)
L37         3803 SEA SPE=ON  ABB=ON  PLU=ON  L22 AND L33
L38          123 SEA SPE=ON  ABB=ON  PLU=ON  L20 AND L37
L39           38 SEA SPE=ON  ABB=ON  PLU=ON  L38 AND (PRY<=2001 OR AY<=2001 OR
                 PY<=2001 OR PD<=2001)
L40           38 SEA SPE=ON  ABB=ON  PLU=ON  L36 OR L39


        FILE 'HCAPLUS' ENTERED AT 12:07:22 ON 15 JAN 2010
L41           30 SEA SPE=ON  ABB=ON  PLU=ON  L25 AND L33
L42           38 SEA SPE=ON  ABB=ON  PLU=ON  L40 OR L41
L43            1 SEA SPE=ON  ABB=ON  PLU=ON  L21 AND L34
L44            1 SEA SPE=ON  ABB=ON  PLU=ON  L21 AND L22
L45            3 SEA SPE=ON  ABB=ON  PLU=ON  L20 AND L21


        FILE 'WPIX' ENTERED AT 12:30:29 ON 15 JAN 2010
L46            1 SEA SSS SAM L8
L47            3 SEA SSS FUL L8
L48            0 SEA SSS SAM L14
L49            6 SEA SSS FUL L14
L50            9 SEA SPE=ON  ABB=ON  PLU=ON  L47 OR L49
L51            0 SEA SSS SAM L17
L52            1 SEA SSS FUL L17
L53          459 SEA SPE=ON  ABB=ON  PLU=ON  L50/DCR
L54            3 SEA SPE=ON  ABB=ON  PLU=ON  L52/DCR
L55          218 SEA SPE=ON  ABB=ON  PLU=ON  (INFLAMED OR INFLAMMATION OR
                 INFLAMMATORY)(2A)COLON?
L56            1 SEA SPE=ON  ABB=ON  PLU=ON  L53 AND L54


        FILE 'HCAPLUS' ENTERED AT 13:04:34 ON 15 JAN 2010
L57           72 SEA SPE=ON  ABB=ON  PLU=ON  EKWURIBE N?/AU
L58          118 SEA SPE=ON  ABB=ON  PLU=ON  LIDDLE R?/AU
L59            3 SEA SPE=ON  ABB=ON  PLU=ON  L45 AND ((L57 OR L58))
L60            2 SEA SPE=ON  ABB=ON  PLU=ON  L57 AND L58
L61            4 SEA SPE=ON  ABB=ON  PLU=ON  L59 OR L60


        FILE 'WPIX' ENTERED AT 13:07:08 ON 15 JAN 2010
L62           49 SEA SPE=ON  ABB=ON  PLU=ON  EKWURIBE N?/AU
L63            9 SEA SPE=ON  ABB=ON  PLU=ON  LIDDLE R?/AU
L64            1 SEA SPE=ON  ABB=ON  PLU=ON  L56 AND ((L62 OR L63))
L65            1 SEA SPE=ON  ABB=ON  PLU=ON  L62 AND L63
L66            1 SEA SPE=ON  ABB=ON  PLU=ON  L64 OR L65


        FILE 'REGISTRY' ENTERED AT 13:09:35 ON 15 JAN 2010

        FILE 'HCAPLUS' ENTERED AT 13:09:38 ON 15 JAN 2010
              D STAT QUE L61

        FILE 'WPIX' ENTERED AT 13:09:55 ON 15 JAN 2010
              D STAT QUE L66
```

```
     FILE 'HCAPLUS, WPIX' ENTERED AT 13:10:09 ON 15 JAN 2010
L67          4 DUP REMOVE L61 L66 (1 DUPLICATE REMOVED)
                   ANSWERS '1-4' FROM FILE HCAPLUS
               D L67 IBIB ABS HITIND HITSTR 1-4


     FILE 'HCAPLUS' ENTERED AT 13:10:29 ON 15 JAN 2010
               D STAT QUE L20
               D STAT QUE L21
               D STAT QUE L45


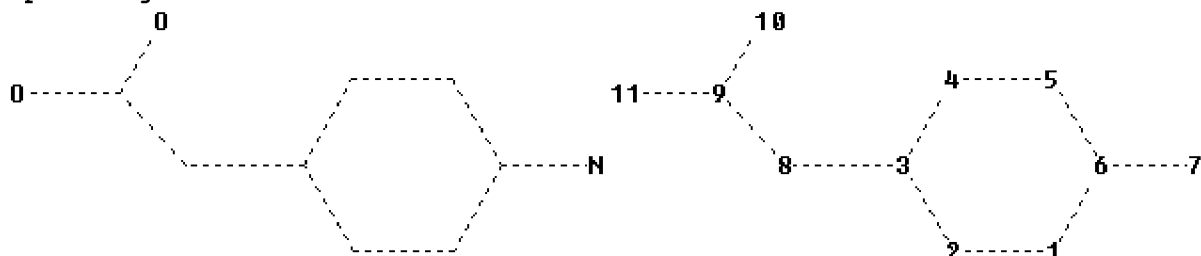     FILE 'WPIX' ENTERED AT 13:10:51 ON 15 JAN 2010
               D STAT QUE L56


     FILE 'HCAPLUS, WPIX' ENTERED AT 13:11:05 ON 15 JAN 2010
L68          3 DUP REMOVE L45 L56 (1 DUPLICATE REMOVED)
                   ANSWERS '1-3' FROM FILE HCAPLUS
L69          0 SEA SPE=ON  ABB=ON  PLU=ON  L68 NOT L67


=>
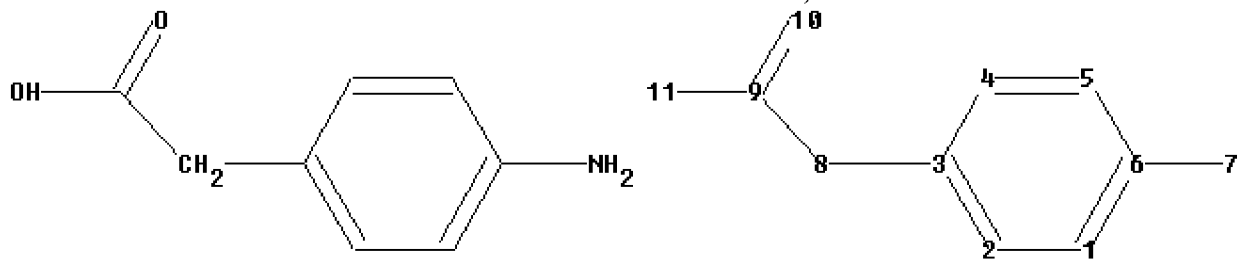```

**Uploading L4.str**



```
chain nodes :
7  8  9  10  11
ring nodes :
1  2  3  4  5  6
chain bonds :
3-8  6-7  8-9  9-10  9-11
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
1-2  1-6  2-3  3-4  3-8  4-5  5-6  6-7  8-9  9-10  9-11


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
11:CLASS
```

Uploading L7.str

chain nodes :
7 8 9 10 11
ring nodes :
1 2 3 4 5 6
chain bonds :
3-8 6-7 8-9 9-10 9-11
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
6-7
exact bonds :
3-8 8-9
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-11

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS

Uploading L13.str

```
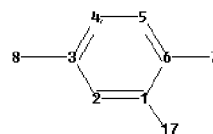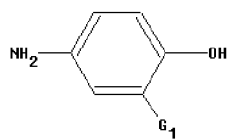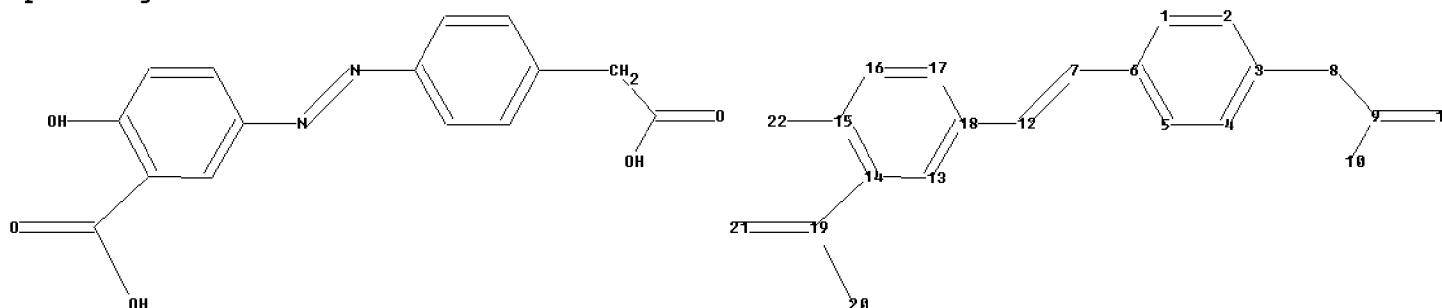chain nodes :
7  8  9  10  11  12  13  14  15  16  17
ring nodes :
1  2  3  4  5  6
chain bonds :
1-17  3-8  6-7  9-10  9-12  10-11  13-14  13-15  15-16
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
1-17  3-8  6-7  13-14  13-15  15-16
exact bonds :
10-11
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  9-10  9-12
```

```
G1:[*1],[*2]
```

```
Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
11:CLASS  12:CLASS  13:CLASS  14:CLASS  15:CLASS  16:CLASS  17:CLASS
```

Uploading L17.str


```
chain nodes :
7  8  9  10  11  12  19  20  21  22
ring nodes :
1  2  3  4  5  6  13  14  15  16  17  18
chain bonds :
3-8  6-7  7-12  8-9  9-10  9-11  12-18  14-19  15-22  19-20  19-21
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  13-14  13-18  14-15  15-16  16-17  17-18
exact/norm bonds :
6-7  7-12  12-18  15-22
exact bonds :
3-8  8-9  14-19
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  9-10  9-11  13-14  13-18  14-15  15-16  16-17  17-18
19-20  19-21
```

```
Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
11:CLASS  12:CLASS  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom  18:Atom  19:CLASS
20:CLASS  21:CLASS
22:CLASS
```